Name of Faculty	Dr. Pulipati Srilatha	
Designation	Associate Professor	
Nature of Job/Appointment	Regular	
Date of Joining	14 – 07 - 2023	
E-mail	pulipatisrilatha_aids@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Awarded
PG	M. Tech. (Software Engineering)	First with Distinction
UG	B. Tech. (CSE)	First

Work Experience

Teaching	12 Years
Research	06 years
Industry	--
Others	--
Area of Specialization	Social Network Analytics, Artificial Intelligence, Machine Learning, Deep Learning, Nature Inspired Optimization
Professional Memberships	International Association of Engineers (IAENG) - No. 184531
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	--
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Artificial intelligence, Machine Learning, Deep Learning, Python Programming, Introduction to Data Science, Business Intelligence, C Programming and Data Structures.

No. of Papers Published	National Journals – 00	International Journals – 15
	National Conference – 00	International Conference – 04

Projects Carried out	--
Patents	Worked as Team Member in the following Technology Transfer
Technology Transfer	--
Invited Speaker	1. A National Level One Week Online FDP on "Applied Deep Learning with Pytorch" Organized by Anurag Engineering College, Kodad from 3rd – 7th July 2020 2. Webinar on " Introduction to Single Neuron Models" as Part of Knowledge Transfer Session Organised by Research and Development Cell-AGI 3. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Block chain Technology" from 28/02/2022 to 04/03/2022 at Indian Institute of Information Technology Dharwad.

No. of Books/Chapter Published with details	--

| Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings **(Attended and/or organized)** | 1. IoT Boot Camp Organized by Turnip Innovations from 12th to 13th Sep 2020
2. One Week STTP on " Advanced Deep Learning Techniques using python" , organized by AICTE- AU, Sep,2020
3. Machine Learning Technologies for Social Media Analytics-An information Security Perspective by IIT Guwahati under ISEA Project from 19th to 23rd August 2020
4. Two Week Training on "RPA Design and Development" from UiPath, July 2020
5. Two Week Online Faculty Development Programme on "Advanced Optimization Techniques and hands-on with MATLAB" organized by Electronics and ICT Academics, MNIT Jaipur from 13 - 24 July 2020
6. Two Week FDP on "IOT Boot Camp" Organized by CDAC-Hyderabad, 2020.
7. One week Online Global FDP on " Advanced Artificial Intelligence and Data Engineering ", organized by VJIT in association with DeepSphere.AI, 2020
8. One week FDP on "Big data Analytics", organized by Electronics & ICT Academy, National Institute of Technology, Warangal from 21st to 25th May, 2018. |

Details of Journal Publications/ Conferences **(National and International)**

International Journal:
1. Sankar, S., Ramasubbareddy Somula, Balakesavareddy Parvathala, Srinivas Kolli, and Srilatha Pulipati. "SOA-EACR: Seagull optimization algorithm based energy aware cluster routing protocol for wireless sensor networks in the livestock industry." Sustainable Computing: Informatics and Systems 33 (2022): 100645.
2. Srilatha, P., Somula Ramasubbareddy, and Devulapalli Sudheer. "Adaptive local neighborhood range based firefly algorithm for link prediction." International Journal of System Assurance Engineering and Management (2021): 1-15.
3. Mounika, Munagala, P. Srilatha, and G. Vishnu Murthy. "Prediction of Unusual Activity Using Deep Learning", International Journal of Advanced Research in Engineering and Technology (IJARET)
4. Pulipati, Srilatha, Ramasubbareddy Somula, and Balakesava Reddy Parvathala. "Nature inspired link prediction and community detection algorithms for social networks: a survey." International Journal of System Assurance Engineering and Management (2021): 1-18.
5. Srilatha P et al., 'Music Genre Classification using Convolutional Neural Networks', Design Engineering, Vol. 2021, No. 06, pp. 2727-2732, 2021.
6. Pulipati, Srilatha, and Manjula Ramakrishnan. "Topological and attribute link prediction using firefly algorithm." Open Computer Science 10, no. 1 (2020): 33-41.
7. Srilatha, P., G. Vishnu Murthy, and P. Raja Sekhar Reddy. "Integration of Assessment and Learning Platform in a Traditional Class Room Based Programming Course." Journal of Engineering Education Transformations 33, no. Special Issue (2020).
8. Srilatha, P. and Manjula, R., 'A-Weighted path based Link Prediction in Social Networks using Bounded Length of Separation between Nodes', International Journal of Engineering and Technology, 7(4.10), pp. 274 – 277, 2018
9. Srilatha, P. and Manjula, R., 'L´evy Flight Firefly Based Structural Link Prediction in Social Networks', Journal of Advanced Research in Dynamical and Control Systems, 10(6), pp. 1741 – 1750, 2018
10. Srilatha P and Manjula R, "Similarity Index based Link Prediction Algorithms in Social Networks: A Survey", Journal of Telecommunications and Information Technology (JTIT), Vol. 2, pp. 87-94, 2016.
11. Kandukuri Mani Kumar, P. Sri Latha and Dr. G Vishnu Murthy 'Two-Stage: Smart Crawler for Analysis of Web Data' International Journal for Modern Trends in Science and Technology Volume: 03, Issue No: 08, ISSN: 2455-3778, August 2017
12. Paladi Divyasri, P. Srilatha, and G. Vishnu Murthy 'A Space Efficient Data Management Scheme on Content Delivery Networks for Online Video Provisioning' International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 5 Issue: 7 pp 528 – 531, Aug 2017
13. Anugu Sushma, P.Srilatha, G.Vishnu Murthy, Solving distributed and high-dimensional problems of big data using genetic programming, International Journal For Technological Research In Engineering, Volume 4, Issue 3, November 2016. ISSN (Online): 2347 - 4718.

14. Dodla Padmaja, P. Srilatha, Stream Authentication Using Trapdoor Hash Function, International Journal of Science and Research (IJSR), Volume 3 Issue 9, September 2014, ISSN (Online): 2319-7064

15. Bommasani Nagasai, P. Srilatha, Enhancing Security and Authentication of Single Sign-on Mechanism of Distributed Computer Networks, International Journal of Science and Research (IJSR), Volume 3 Issue 9, September 2014, ISSN (Online): 2319-7064 .

International Conferences :

1. Mounica Ch , Srilatha P , 'A Path Based Model for Link Prediction in Location Based Social Networks', in International Conference on Advances in Computational Intelligence and Informatics(ICACII-2019), Springer

2. Srilatha, P., and Manjula, R., 2019. 'Link prediction on Social-Attribute Network using adaptive L´evy Flight Firefly Optimization', in 'Artificial Intelligence and Data Engineering (AIDE)', Springer, pp. 1 – 12.

3. Srilatha P and Manjula R, Structural Similarity-Based Link Prediction in Social Networks Using Firefly Algorithm, IEEE - International Conference on Smart Technologies for Smart Nation (SmartTechCon), Reva University, Bangalore, 2017.

4. Srilatha P and Manjula R, User behavior Based Link Prediction in Online Social Networks, IEEE – International Conference on Inventive Computation Technologies (ICICT), Coimbatore, August 2016.